IN THE SPECIFICATION:

Please amend the Paragraph beginning on Pg. 17, Line 21 as follows:

Equations (12) and (13) are equivalent to the condition expressed in equation (9), since y_j is in the objective function G, and when $z_{jk} = 0, \forall\ k \in R$, to maximize G, $y_j = 0$ must be chosen. At step ~~518~~ <u>599</u>, the method 500 ends.

Please amend the Paragraph beginning on Pg. 40, Line 16 as follows:

It is noted that equation (46) is an expanded version of equation (45). It is further noted that equation (50) reflects the fact that the bandwidth requirement of a customer only needs to be satisfied if the customer is provisioned. Conditions (51 through 54) are analogous to the single customer formulation discussed above. Conditions (55) and (56) are added to specify that customer l is provisioned on an IPSG only if some traffic for that customer is sent over that IPSG to a CPE. Condition (57) specifies that for a customer, if any traffic is sent through an IPSG, then the customer must be provisioned on that IPSG. Condition (58) is added to specify that the total number of provisions on each IPSG j cannot exceed its capacity P_{CAP}. Condition (26) is added to make sure if customer l in not provisioned, y'_j is forced to be 0. <u>At step 999, the method 900 ends.</u>